

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	IS&R	L1	161	("705/9").CCLS.	USPAT	2001/02/08 14:01
2	BRS	L2	268	(workflow or (work near flow) or BPR or (business near process near (reengineering or reengineer))) and (communicate or communication or send or sending or sends) and (role or roles or enterprise or enterprises)	USPAT	2001/02/08 14:30
3	BRS	L3	20	1 and 2	USPAT	2001/02/08 14:27 <i>Considered after</i>
4	BRS	L4	655	705/8	USPAT	2001/02/08 14:28
5	BRS	L6	47	(1 or 4) and 2	USPAT	2001/02/08 14:29 <i>Considered after</i>
6	BRS	L7	11	(workflow or (work near flow) or BPR or (business near process near (reengineering or reengineer))) and (communicate or communication or send or sending or sends) and (role or roles or enterprise or enterprises)	EPO; JPO; Derwent t	2001/02/08 14:30 <i>Considered all after</i>

	Document ID	Issue Date	Title
1	US 5596750 A	19970121	Transactional processing between information server and multiple work stations - uses functional modules at server end and layered architecture at work station end
2	EP A2 924631	19990623	Method of controlling work flow by using electronic computer judging when detecting completion of work step relating to item data in work processing whether or not person in charge of next processing
3	WO A1 9963469	19991209	Workflow processing method for multi-enterprise collaboration using internet
4	WO A1 9963463	19991209	Workflow communication method for supply chain, enterprises and site planning in factories
5	JP 2000082103 A	20000321	Electronic document conveying apparatus for work flow system, includes sending process unit to send indicated electron documents to sending back tip
6	US 6108711 A	20000822	Operating system for managing transactions between transaction partners, including customers, business partners, agents, and knowledge workers, in a multimedia communication center

	Document ID	Issue Date	Title
7	US 6073242 A	20000606	Electronic communication authority server of role-based enterprise, involves executing particular feature using any user information in the request, when particular user is allowed to direct particular feature
8	JP 2000306013 A	20001102	Work flow system in client server network, consist of on-line transaction processing modules in both server and client for transmitting and receiving data
9	US 5596750 A	19970121	System for transactional processing between an information processing server and a plurality of workstations
10	JP 10177603 A	19980630	WORK FLOW SYSTEM
11	JP 11154189 A	19990608	METHOD AND SYSTEM FOR CONTROLLING STATE MONITOR TYPE WORK FLOW

	Document ID	Title	Current OR
1	US 6170011 B1	Method and apparatus for determining and initiating interaction directionality within a multimedia communication center	709/224
2	US 6170002 B1	Workflow systems and methods	709/206
3	US 6157915 A	Method and apparatus for collaboratively managing supply chains	705/7
4	US 6154731 A	Computer assisted and/or implemented process and architecture for simulating, determining and/or ranking and/or indexing effective corporate governance using complexity theory and agency-based modeling	705/35
5	US 6151583 A	Workflow management method and apparatus	705/8
6	US 6144955 A	Work flow management system	707/1
7	US 6138104 A	Product development system and method using integrated process and data management	705/9
8	US 6122633 A	Subscription within workflow management systems	707/10

	Document ID	Title	Current OR
9	US 6119149 A	System and process allowing collaboration within and between enterprises for optimal decision making	709/205
10	US 6115690 A	Integrated business-to-business Web commerce and business automation system	705/7
11	US 6112181 A	Systems and methods for matching, selecting, narrowcasting, and/or classifying based on rights management and/or other information	705/1
12	US 6098047 A	Constructing method of organization activity database, analysis sheet used therein, and organization activity management system	705/7
13	US 6088659 A	Automated meter reading system	702/62
14	US 6088679 A	Workflow management employing role-based access control	705/8
15	US 6078982 A	Pre-locking scheme for allowing consistent and concurrent workflow process execution in a workflow management system	710/200
16	US 6073109 A	Computerized method and system for managing business processes using linked workflows	705/8
17	US 6067549 A	System for managing regulated entities	707/104

	Document ID	Title	Current OR
18	US 6064977 A	Web server with integrated scheduling and calendaring	705/9
19	US 6058413 A	Method and apparatus for utilizing a standard transaction format to provide application platform and a medium independent representation and transfer of data for the management of business process and their workflows	709/101
20	US 6052684 A	System and method for performing consistent workflow process execution in a workflow management system	707/8
21	US 6041306 A	System and method for performing flexible workflow process execution in a distributed workflow management system	705/8
22	US 6038537 A	Intra-organization cooperation system, commodity deal management method, and storage medium	705/7
23	US 6014673 A	Simultaneous use of database and durable store in work flow and process flow systems	707/202
24	US 6012066 A	Computerized work flow system	707/103R
25	US 6009405 A	Ensuring atomicity for a collection of transactional work items in a workflow management system	705/9

	Document ID	Title	Current OR
26	US 6006195 A	Product development system and method using integrated process and data management	705/9
27	US 6003011 A	Workflow management system wherein ad-hoc process instances can be generalized	705/9
28	US 5991733 A	Method and computerized system for managing insurance receivable accounts	705/8
29	US 5987422 A	Method for executing a procedure that requires input from a role	705/9
30	US 5970475 A	Electronic procurement system and method for trading partners	705/27
31	US 5960420 A	Systems, methods and computer program products for implementing a workflow engine in database management system	707/1
32	US 5960404 A	Mechanism for heterogeneous, peer-to-peer, and disconnected workflow operation	705/8
33	US 5937388 A	System and method for performing scalable distribution of process flow activities in a distributed workflow management system	705/8
34	US 5892900 A	Systems and methods for secure transaction management and electronic rights protection	713/200
35	US 5890130 A	Workflow modelling system	705/7
36	US 5873067 A	Work flow system	705/8

	Document ID	Title	Current OR
37	US 5848393 A	"What if . . . " function for simulating operations within a task workflow management system	705/8
38	US 5836011 A	Implementation of teams and roles within a people oriented work environment	705/8
39	US 5826239 A	Distributed workflow resource management system and method	705/8
40	US 5826040 A	Method and system for production planning	705/8
41	US 5734837 A	Method and apparatus for building business process applications in terms of its workflows	705/7
42	US 5721912 A	Graphical user interface for creating database integration specifications	707/102
43	US 5706452 A	Method and apparatus for structuring and managing the participatory evaluation of documents by a plurality of reviewers	345/331
44	US 5557515 A	Computerized system and method for work management	705/9
45	US 5548506 A	Automated, electronic network based, project management server system, for managing multiple work-groups	705/8
46	US 5311438 A	Integrated manufacturing system	700/96
47	US 5301320 A	Workflow management and control system	705/9

	Document ID	Title	Current OR
1	US 6170011 B1	Method and apparatus for determining and initiating interaction directionality within a multimedia communication center	709/224
2	US 6157915 A	Method and apparatus for collaboratively managing supply chains	705/7
3	US 6151583 A	Workflow management method and apparatus	705/8
4	US 6144955 A	Work flow management system	707/1
5	US 6138104 A	Product development system and method using integrated process and data management	705/9
6	US 6122633 A	Subscription within workflow management systems	707/10
7	US 6088679 A	Workflow management employing role-based access control	705/8
8	US 6064977 A	Web server with integrated scheduling and calendaring	705/9
9	US 6038537 A	Intra-organization cooperation system, commodity deal management method, and storage medium	705/7

	Inventor
1	Macleod Beck, Christopher Clemmett , et al.
2	Bhaskaran, Kumar , et al.
3	Ohmura, Yoshihide , et al.
4	Tsuiki, Kazuyasu , et al.
5	Marchak, Lori C. , et al.
6	Leymann, Frank , et al.
7	Barkley, John
8	Haverstock, Paul , et al.
9	Matsuoka, Hidetoshi

	Document ID	Title	Current OR
10.	US 6009405 A	Ensuring atomicity for a collection of transactional work items in a workflow management system	705/9
11	US 6006195 A	Product development system and method using integrated process and data management	705/9
12	US 6003011 A	Workflow management system wherein ad-hoc process instances can be generalized	705/9
13	US 5991733 A	Method and computerized system for managing insurance receivable accounts	705/8
14	US 5987422 A	Method for executing a procedure that requires input from a role	705/9
15	US 5960404 A	Mechanism for heterogeneous, peer-to-peer, and disconnected workflow operation	705/8
16	US 5937388 A	System and method for performing scalable distribution of process flow activities in a distributed workflow management system	705/8
17	US 5836011 A	Implementation of teams and roles within a people oriented work environment	705/8
18	US 5734837 A	Method and apparatus for building business process applications in terms of its workflows	705/7
19	US 5557515 A	Computerized system and method for work management	705/9
20	US 5301320 A	Workflow management and control system	705/9

	Inventor
10	Leymann, Frank , et al.
11	Marchak, Lori C. , et al.
12	Sarin, Sunil K. , et al.
13	Aleia, Alan L. , et al.
14	Buzsaki, George
15	Chaar, Jarir K. , et al.
16	Davis, James W. , et al.
17	Hambrick, Geoffrey Martin , et al.
18	Flores, Pablo A. , et al.
19	Abbruzzese, Pamela , et al.
20	McAtee, John D. , et al.

	Document ID	Title	Current OR
1	US 6185683 B1	Trusted and secure techniques, systems and methods for item delivery and execution	713/176
2	US 6185590 B1	Process and architecture for use on stand-alone machine and in distributed computer architecture for client server and/or intranet and/or internet	707/526
3	US 6185587 B1	operating environments System and method for building a web site with automated help	707/513
4	US 6183261 B1	Collaborative and quality control scoring system and method	434/322
5	US 6183260 B1	Method and system for preventing bias in test answer scoring	434/322
6	US 6182080 B1	System, method and computer program product for storage of a plurality of documents within a single file	707/102
7	US 6178225 B1	System and method for management of X-ray imaging facilities	378/98.2
8	US 6173446 B1	Apparatus for licensing software applications	717/11
9	US 6170081 B1	Method and system for interfacing to a variety of software development tools	717/1
10	US 6170011 B1	Method and apparatus for determining and initiating interaction directionality within a multimedia communication center	709/224

	Document ID	Title	Current OR
11	US 6170002 B1	Workflow systems and methods	709/206
12	US 6169816 B1	Identification of objects of interest using multiple illumination schemes and finding overlap of features in corresponding multiple images	382/128
13	US 6168440 B1	Multiple test item scoring system and method	434/322
14	US 6167564 A	Software system development framework	717/1
15	US 6167395 A	Method and apparatus for creating specialized multimedia threads in a multimedia communication center	707/3
16	US 6161114 A	Design engine for fitting content to a medium	707/517
17	US 6161103 A	Method and apparatus for creating aggregates for use in a datamart	707/4
18	US 6159443 A	X-ray guided drug delivery	424/1.17
19	US 6159018 A	Categorized test reporting system and method	434/322
20	US 6157915 A	Method and apparatus for collaboratively managing supply chains	705/7
21	US 6157735 A	System for distributing controlling color reproduction at multiple sites	382/167

	Document ID	Title	Current OR
22	US 6157721 A	Systems and methods using cryptography to protect secure computing environments	380/255
23	US 6155839 A	Dynamic on-line scoring guide and method	434/322
24	US 6154848 A	Maintenance system automatically executing processing jobs according to a defined work-flow	714/4
25	US 6154753 A	Document management system and method for business quality modeling	707/508
26	US 6154731 A	Computer assisted and/or implemented process and architecture for simulating, determining and/or ranking and/or indexing effective corporate governance using complexity theory and agency-based modeling	705/35
27	US 6151607 A	Database computer system with application recovery and dependency handling write cache	707/202
28	US 6151583 A	Workflow management method and apparatus	705/8
29	US 6144975 A	Computer system for intelligent document management	707/901
30	US 6144955 A	Work flow management system	707/1
31	US 6141665 A	Model-based job supporting system and method thereof	707/500
32	US 6138143 A	Method and apparatus for asynchronous transaction processing	709/203

	Document ID	Title	Current OR
33	US 6138139 A	Method and apparatus for supporting diverse interaction paths within a multimedia communication center	709/202
34	US 6138119 A	Techniques for defining, using and manipulating rights management data structures	707/9
35	US 6138104 A	Product development system and method using integrated process and data management	705/9
36	US 6138076 A	Automatic non-artificially extended fault surface based horizon modeling system	702/14
37	US 6134539 A	System, method and article of manufacture for a goal based education and reporting system	706/45
38	US 6125358 A	System, method and article of manufacture for a simulation system for goal based education of a plurality of students	706/11
39	US 6122633 A	Subscription within workflow management systems	707/10
40	US 6119104 A	Composite banking desktop system	705/35
41	US 6119149 A	System and process allowing collaboration within and between enterprises for optimal decision making	709/205

	Document ID	Title	Current OR
42	US 6115646 A	Dynamic and generic process automation system	700/181
43	US 6115690 A	Integrated business-to-business Web commerce and business automation system	705/7
44	US 6112181 A	Systems and methods for matching, selecting, narrowcasting, and/or classifying based on rights management and/or other information	705/1
45	US 6112201 A	Virtual bookshelf	707/5
46	US 6108689 A	Method and system for processing messages in a distributed computing environment	709/206
47	US 6108711 A	Operating system having external media layer, workflow layer, internal media layer, and knowledge base for routing media events between transactions	709/242
48	US 6103518 A	Instrument for constructing tissue arrays	435/286.3

	Document ID	Title	Current OR
49	US 6105055 A	Method and apparatus for asynchronous multimedia collaboration	709/204
50	US 6101489 A	System, method and article of manufacture for a goal based system utilizing a time based model	706/45
51	US 6098047 A	Constructing method of organization activity database, analysis sheet used therein, and organization activity management system	705/7
52	US 6088659 A	Automated meter reading system	702/62
53	US 6088679 A	Workflow management employing role-based access control	705/8
54	US 6085178 A	Apparatus and method for communicating between an intelligent agent and client computer process using disguised messages	705/80
55	US 6085184 A	System, method and article of manufacture for a dynamic toolbar in a tutorial system	706/45
56	US 6085220 A	Enterprise interaction hub for managing an enterprise web system	709/201

	Document ID	Title	Current OR
57	US 6078326 A	System and method providing centricity user environment	345/353
58	US 6078982 A	Pre-locking scheme for allowing consistent and concurrent workflow process execution in a workflow management system	710/200
59	US 6076108 A	System and method for maintaining a state for a user session using a web system having a global session server	709/227
60	US 6073109 A	Computerized method and system for managing business processes using linked workflows	705/8
61	US 6073127 A	System, method and article of manufacture for a goal based system with dynamic feedback information	706/45
62	US 6073136 A	Mobile computer with minimized function display and maximized content display	707/104
63	US 6073242 A	Electronic authority server	713/201
64	US 6067477 A	Method and apparatus for the creation of personalized supervisory and control data acquisition systems for the management and integration of real-time enterprise-wide applications and systems	700/83
65	US 6067525 A	Integrated computerized sales force automation system	705/10

	Document ID	Title	Current OR
66	US 6067538 A	System, method and article of manufacture for a simulation enabled focused feedback tutorial system	706/47
67	US 6067537 A	System, method and article of manufacture for a goal based educational system with support for dynamic personality feedback	706/47
68	US 6067542 A	Pragma facility and SQL3 extension for optimal parallel UDF execution	707/4
69	US 6067550 A	Database computer system with application recovery and dependency handling write cache	707/202
70	US 6067549 A	System for managing regulated entities	707/104
71	US 6067548 A	Dynamic organization model and management computing system and method therefor	707/103
72	US 6064730 A	Customer-self routing call center	379/265
73	US 6064977 A	Web server with integrated scheduling and calendaring	705/9
74	US 6064998 A	System, method and article of manufacture for a simulation engine with an expert system example processing engine	706/45
75	US 6065009 A	Events as activities in process models of workflow management systems	707/10
76	US 6058389 A	Apparatus and method for message queuing in a database system	707/1

	Document ID	Title	Current OR
77	US 6058393 A	Dynamic connection to a remote tool in a distributed processing system environment used for debugging	707/10
78	US 6058413 A	Method and apparatus for utilizing a standard transaction format to provide application platform and a medium independent representation and transfer of data for the management of business process and their	709/101
79	US 6057101 A	workflows Identification and comparison of protein-protein interactions that occur in populations and identification of inhibitors of these interactors	435/6
80	US 6055327 A	Method of detecting data entry errors by sorting amounts and verifying amount order	382/138
81	US 6052684 A	System and method for performing consistent workflow process execution in a workflow management system	707/8
82	US 6047259 A	Interactive method and system for managing physical exams, diagnosis and treatment protocols in a health care practice	705/3
83	US 6043819 A	Image based document processing and information management system and apparatus	345/418

	Document ID	Title	Current OR
84	US 6043909 A	System for distributing and controlling color reproduction at multiple sites	358/504
85	US 6041306 A	System and method for performing flexible workflow process execution in a distributed workflow management system	705/8
86	US 6038537 A	Intra-organization cooperation system, commodity deal management method, and storage medium	705/7
87	US 6032141 A	System, method and article of manufacture for a goal based educational system with support for dynamic tailored feedback	706/45
88	US 6029158 A	System, method and article of manufacture for a simulation enabled feedback system	706/45
89	US 6029156 A	Goal based tutoring system with behavior to tailor to characteristics of a particular user	706/11
90	US 6029159 A	System, method and article of manufacture for a simulation enabled accounting tutorial system	706/47
91	US 6026561 A	Automatic assembler/disassembler apparatus adapted to pressurized sealable transportable containers	29/722

	Document ID	Title	Current OR
92	US 6026386 A	System, method and article of manufacture for a goal based educational system with support for dynamic media control	706/45
93	US 6023578 A	Systems, methods and computer program products for generating an object oriented application for an object oriented environment	717/2
94	US 6023691 A	Goal based stimulator utilizing a spreadsheet architecture	706/2
95	US 6023692 A	Goal based tutoring system with behavior to control flow of presentation	706/14
96	US 6023705 A	Multiple CD index and loading system and method	707/200
97	US 6023702 A	Method and apparatus for a process and project management computer system	707/100
98	US 6021407 A	Partitioning and sorting logical units of data prior to reaching an end of the data file	707/7
99	US 6021410 A	Extensible digital library	707/103
100	US 6018730 A	System, method and article of manufacture for a simulation engine with a help website and processing engine	706/45
101	US 6018732 A	System, method and article of manufacture for a runtime program regression analysis tool for a simulation engine	706/60
102	US 6018731 A	System, method and article of manufacture for a goal based system utilizing a spreadsheet and table based architecture	706/47

	Document ID	Title	Current OR
103	US 6015713 A	Transgenic fish and a method of harvesting islet cells therefrom	435/378
104	US 6016486 A	System method and article of manufacture for a goal based system utilizing an activity table	706/47
105	US 6014343 A	Automatic non-artificially extended fault surface based horizon modeling system	367/38
106	US 6014673 A	Simultaneous use of database and durable store in work flow and process flow systems	707/202
107	US 6012066 A	Computerized work flow system	707/103R
108	US 6009405 A	Ensuring atomicity for a collection of transactional work items in a workflow management system	705/9
109	US 6005482 A	Surface mounted information collage	340/568.8
110	US 6006195 A	Product development system and method using integrated process and data management	705/9
111	US 6006215 A	Method and apparatus for improved contact and activity management and planning	707/2
112	US 6003011 A	Workflow management system wherein ad-hoc process instances can be generalized	705/9

	Document ID	Title	Current OR
113	US 6003021 A	System, method and article of manufacture for a simulation system for goal based education	706/47
114	US 5997688 A	Collapsible rotary blister sealer with improved heating plate assembly	156/583.1
115	US 5999908 A	Customer-based product design module	705/1
116	US 5995948 A	Correspondence and chargeback workstation	705/41
117	US 5989594 A	Ratite extracts as therapeutic agents	424/548 ;
118	US 5991733 A	Method and computerized system for managing insurance receivable accounts	705/8
119	US 5987422 A	Method for executing a procedure that requires input from a role	705/9
120	US 5987443 A	System, method and article of manufacture for a goal based educational system	706/11
121	US 5982350 A	Compositer interface for arranging the components of special effects for a motion picture production	345/113
122	US 5982891 A	Systems and methods for secure transaction management and electronic rights protection	705/54
123	US 5978804 A	Natural products information system	707/10
124	US 5978836 A	Workflow systems and methods	709/206
125	US 5970475 A	Electronic procurement system and method for trading partners	705/27
126	US 5970482 A	System for data mining using neuroagents	706/16

	Document ID	Title	Current OR
127	US 5960200 A	System to transition an enterprise to a distributed infrastructure	717/5
128	US 5960420 A	Systems, methods and computer program products for implementing a workflow engine in database management system	707/1
129	US 5960404 A	Mechanism for heterogeneous, peer-to-peer, and disconnected workflow operation	705/8
130	US 5956737 A	Design engine for fitting content to a medium	707/517
131	US 5953389 A	Combination system for provisioning and maintaining telephone network facilities in a public switched telephone network	379/9
132	US 5949876 A	Systems and methods for secure transaction management and electronic rights protection	705/80
133	US 5946698 A	Database computer system with application recovery	707/202
134	US 5943422 A	Steganographic techniques for securely delivering electronic digital rights management control information over insecure communication channels	705/54
135	US 5940829 A	Work flow management system	707/10
136	US 5937388 A	System and method for performing scalable distribution of process flow activities in a distributed workflow management system	705/8

	Document ID	Title	Current OR
137	US 5933838 A	Database computer system with application recovery and recovery log sequence numbers to optimize recovery	707/202
138	US 5930512 A	Method and apparatus for building and running workflow process models using a hypertext markup language	717/10
139	US 5923879 A	Conversion system and method between corba and c/c++ architectures for corba data pairs/couples	717/5
140	US 5923874 A	Resource measurement facility in a multiple operating system complex	709/100
141	US 5920861 A	Techniques for defining using and manipulating rights management data structures	707/9
142	US 5917912 A	System and methods for secure transaction management and electronic rights protection	713/187
143	US 5915019 A	Systems and methods for secure transaction management and electronic rights protection	705/54
144	US 5910987 A	Systems and methods for secure transaction management and electronic rights protection	705/52
145	US 5907705 A	Computer implemented request to integrate (RTI) system for managing change control in software release stream	717/1
146	US 5903902 A	Design engine with tree and component structure	707/517

	Document ID	Title	Current OR
147	US 5901284 A	Method and system for communication access restriction	713/200
148	US 5895477 A	Design engine for automatic layout of content	707/517
149	US 5895476 A	Design engine for automatic reformatting for design and media	707/517
150	US 5895455 A	Document image display system and method	705/35
151	US 5892900 A	Systems and methods for secure transaction management and electronic rights protection	713/200
152	US 5893128 A	Distributed work flow management	707/511 ;
153	US 5890130 A	Workflow modelling system	705/7
154	US 5884392 A	Automatic assembler/disassembler apparatus adapted to pressurized sealable transportable containers	29/722
155	US 5874954 A	Centricity-based interface and method	345/333
156	US 5872569 A	Apparatus and method for programming and/or controlling output of a job in a document processing system	345/349
157	US 5873067 A	Work flow system	705/8
158	US 5870763 A	Database computer system with application recovery and dependency handling read cache	707/202
159	US 5870725 A	High volume financial image media creation and display system and method	705/45
160	US 5870717 A	System for ordering items over computer network using an electronic catalog	705/26

	Document ID	Title	Current OR
161	US 5870545 A	System and method for performing flexible workflow process compensation in a distributed workflow management system	709/201
162	US 5867712 A	Single chip integrated circuit system architecture for document instruction set computing	717/4 ;
163	US 5862327 A	Activity based long-lived transaction system	709/203
164	US 5862322 A	Method and apparatus for facilitating customer service communications in a computing environment	714/57
165	US 5848271 A	Process and apparatus for controlling the work flow in a multi-user computing system	712/220
166	US 5848248 A	Electronic document circulating system	709/238
167	US 5848393 A	"What if . . . " function for simulating operations within a task workflow management system	705/8
168	US 5845255 A	Prescription management system	705/3
169	US 5836011 A	Implementation of teams and roles within a people oriented work environment	705/8
170	US 5835758 A	Method and system for respresenting and processing physical and conceptual entities	707/102
171	US 5829983 A	System for carrying out educational management	434/118

	Document ID	Title	Current OR
172	US 5825506 A	Method and apparatus for image processing at remote sites	358/402
173	US 5826239 A	Distributed workflow resource management system and method	705/8
174	US 5826040 A	Method and system for production planning	705/8
175	US 5819270 A	Computer system for displaying representations of processes	707/7
176	US 5819263 A	Financial planning system incorporating relationship and group management	707/3
177	US 5813004 A	Partitioning and sorting logical units of data prior to reaching an end of the data file	707/7
178	US 5809265 A	System and method for managing virtual connections between devices on a network	345/339
179	US 5802396 A	Adaptive communication system	710/20
180	US 5798923 A	Optimal projection design and analysis	702/5
181	US 5799297 A	Task workflow management system and method including an external program execution feature	707/1
182	US 5790853 A	Workspace management apparatus	709/104

	Document ID	Title	Current OR
183	US 5790847 A	Integration of groupware with activity based management via facilitated work sessions	707/4
184	US 5790789 A	Method and architecture for the creation, control and deployment of services within a distributed computer environment	709/202
185	US 5790634 A	Combination system for proactively and reactively maintaining telephone network facilities in a public switched telephone system	379/29
186	US 5790633 A	System for proactively maintaining telephone network facilities in a public switched telephone network	379/10
187	US 5790119 A	Apparatus and method for programming a job ticket in a document processing system	345/349
188	US 5787175 A	Method and apparatus for collaborative document control	713/165
189	US 5760775 A	Apparatus and method for programming a job ticket in a document processing system	345/349
190	US 5754857 A	Distributed asynchronous workflow on the net	709/203
191	US 5754782 A	System and method for backing up and restoring groupware documents	709/213
192	US 5745901 A	Workflow initiated by graphical symbols	707/103

	Document ID	Title	Current OR
193	US 5737581 A	Quality system implementation simulator	703/6
194	US 5737539 A	Prescription creation system	705/3
195	US 5734837 A	Method and apparatus for building business process applications in terms of its workflows	705/7
196	US 5732269 A	Data adapter transparent to application I/O path	709/310
197	US 5721912 A	Graphical user interface for creating database integration specifications	707/102
198	US 5720036 A-	Enterprise multimedia data processing system and method using scalable object-based architecture	709/225
199	US 5710921 A	Information processing system and work flow management method therefor	709/106
200	US 5706452 A	Method and apparatus for structuring and managing the participatory evaluation of documents by a plurality of reviewers	345/331
201	US 5701484 A	Routing objects on action paths in a distributed computing system	709/316
202	US 5699523 A	Method and apparatus for communication between at least one client and at least one server	709/238

	Document ID	Title	Current OR
203	US 5687212 A	System for reactively maintaining telephone network facilities in a public switched telephone network	379/10
204	US 5680530 A	Graphical environment for interactively specifying a target system	345/440
205	US 5675745 A	Constructing method of organization activity database, analysis sheet used therein, and organization activity management system	705/7
206	US 5666492 A	Flexible computer based pharmaceutical care cognitive services management system and method	705/3
207	US 5659616 A	Method for securely using digital signatures in a commercial cryptographic system	705/76
208	US 5659547 A	Script-based system for testing a multi-user computer system	714/4
209	US 5644728 A	Control systems	705/43
210	US 5638494 A	Adaptive communication system	709/202
211	US 5634127 A	Methods and apparatus for implementing a message driven processor in a client-server environment	709/313
212	US 5596750 A	System for transactional processing between an information processing server and a plurality of workstations	709/101
213	US 5586021 A	Method and system for production planning	700/100
214	US 5581691 A	Work flow management system and method	714/15

	Document ID	Title	Current OR
215	US 5557515 A	Computerized system and method for work management	705/9
216	US 5551541 A	Shock absorber	188/317
217	US 5548506 A	Automated, electronic network based, project management server system, for managing multiple work-groups	705/8
218	US 5535322 A	Data processing system with improved work flow system and method	705/1
219	US 5524241 A	System and method for executing, tracking and recovering long running computations	707/10
220	US 5517663 A	Animated user interface for computer program creation, control and execution	345/473
221	US 5515492 A	User interface between a server and workstations of a transactional processing system	345/329
222	US 5506691 A	Method and apparatus for image processing at remote sites	358/402
223	US 5486080 A	High speed movement of workpieces in vacuum processing	414/217
224	US 5481668 A	System for designing information control networks for modeling all kinds of processes	345/349
225	US 5451523 A	Apparatus for composting organic waste material	435/286.7
226	US 5436730 A	Method of managing a proof approval process for proofing documents in a printing system	358/401

	Document ID	Title	Current OR
227	US 5418957 A	Network data dictionary	717/1
228	US 5411358 A	Dispatching apparatus with a gas supply distribution system for handling and storing pressurized sealable transportable containers	414/277
229	US 5390785 A	Pressurized sealable transportable containers for storing a semiconductor wafer in a protective gaseous environment	206/213.1
230	US 5388945 A	Fully automated and computerized conveyor based manufacturing line architectures adapted to pressurized sealable transportable containers	414/217.1
231	US 5382127 A	Pressurized interface apparatus for transferring a semiconductor wafer between a pressurized sealable transportable container and a processing equipment	414/217.1
232	US 5377350 A	System for cooperative communication between local object managers to provide verification for the performance of remote calls by object messages	709/316
233	US 5344132 A	Image based document processing and information management system and apparatus	271/35
234	US 5311438 A	Integrated manufacturing system	700/96
235	US 5301320 A	Workflow management and control system	705/9

	Document ID	Title	Current OR
236	US 5257374 A	Bus flow control mechanism	709/105
237	US 5255197 A	Line production management system	700/108
238	US 5235433 A	System and method for automatically indexing facsimile transmissions received in a computerized image management system	358/434
239	US 5216603 A	Method and apparatus for structuring and managing human communications by explicitly defining the types of communications permitted between participants	704/1
240	US 5208748 A	Method and apparatus for structuring and managing human communications by explicitly defining the types of communications permitted between participants	704/1
241	US 5204954 A	Remote storage management mechanism and method	710/22
242	US 5196845 A	Antenna for tire monitoring device	340/870.31
243	US 5195378 A	Dynamic thermal-mechanical material testing system utilizing a balanced magnetic field	73/790
244	US 5191525 A	System and method for extraction of data from documents for subsequent processing	707/500

	Document ID	Title	Current OR
245	US 5191522 A	Integrated group insurance information processing and reporting system based upon an enterprise-wide data structure	705/4
246	US 5182705 A	Computer system and method for work management	705/11
247	US 5174375 A	Hydraulic release system	166/187
248	US 5092179 A	Dynamic material testing system having independent control over specimen deformation and strain rate and a method for use therein	73/790
249	US 4930069 A	Mechanism and method for transferring data between bus units having varying master and slave DMA capabilities	709/212
250	US 4918595 A	Subsystem input service for dynamically scheduling work for a computer system	709/102
251	US 4894908 A	Method for automated assembly of assemblies such as automotive assemblies and system utilizing same	29/711
252	US 4882976 A	Brake booster	91/376R
253	US 4837740 A	Asynchronous first-in-first-out register structure	710/130
254	US 4832717 A	Clean air cabinet	55/473

	Document ID	Title	Current OR
255	US 4815190 A	Method for automated assembly of assemblies such as automotive assemblies	29/430
256	US 4720229 A	Stack pusher	414/790.3
257	US 4712555 A	Physiologically responsive pacemaker and method of adjusting the pacing interval thereof	607/17
258	US 4698766 A	Industrial processing and manufacturing systems	700/96
259	US 4649473 A	Flexible data transmission for message based protocols	709/314
260	US 4478626 A	Method of hot isostatic pressing treatment	65/17.3
261	US 4435752 A	Allocation of rotating memory device storage locations	707/205
262	US 4353411 A	Architectural support and service assembly	165/48.1
263	US 4123795 A	Control system for a stored program multiprocessor computer	709/103
264	US 4120316 A	Flow control valve assembly	137/498
265	US 4009587 A	Combined loop free-piston heat pump	62/116

	Document ID	Title	Current OR
266	US 3905023 A	Large scale multi-level information processing system employing improved failsaft techniques	714/6
267	US 3805247 A	DESCRIPTION DRIVEN MICROPROGRAMMABLE MULTIPROCESSOR SYSTEM	712/225
268	US 3662401 A	METHOD OF PROGRAM EXECUTION	709/103

	Document ID	Title	Current OR
1	US 6170011 B1	Method and apparatus for determining and initiating interaction directionality within a multimedia communication center	709/224
2	US 6167379 A	System for user to accept or decline updating a calendar remotely with a proposed schedule update that may have schedule confliction	705/9
3	US 6157915 A	Method and apparatus for collaboratively managing supply chains	705/7
4	US 6154727 A	Visit verification	705/3
5	US 6151585 A	Methods and apparatus for determining or inferring influential rumormongers from resource usage data	705/10
6	US 6151583 A	Workflow management method and apparatus	705/8
7	US 6144955 A	Work flow management system	707/1
8	US 6144943 A	Method of managing contract housekeeping services	705/11
9	US 6144942 A	Method for notifying an individual of a previously scheduled event	705/9

Class
705/9

	Document ID	Title	Current OR
10	US 6144893 A	Method and computer system for controlling an industrial process by analysis of bottlenecks	700/108
11	US 6141005 A	Combined display of locale-sensitive calendars in a distributed computer enterprise environment	345/333
12	US 6138104 A	Product development system and method using integrated process and data management	705/9
13	US 6134530 A	Rule based routing system and method for a virtual sales and service center	705/7
14	US 6122622 A	Computer aided system for compliance with chemical control laws	705/28
15	US 6122621 A	Method and system for progress management assistance	705/8
16	US 6122633 A	Subscription within workflow management systems	707/10
17	US 6115693 A	Quality center and method for a virtual sales and service center	705/10
18	US 6101481 A	Task management system	705/9

	Document ID	Title	Current OR
19	US 6101480 A	Electronic calendar with group scheduling and automated scheduling techniques for coordinating conflicting schedules	705/9
20	US 6092048 A	Task execution support system	705/9
21	US 6088679 A	Workflow management employing role-based access control	705/8
22	US 6088678 A	Process simulation technique using benefit-trade matrices to estimate schedule, cost, and risk	705/8
23	US 6085166 A	Electronic calendar with group scheduling and asynchronous fan out method	705/9
24	US 6073108 A	Task-based classification and analysis system	705/8
25	US 6073110 A	Activity based equipment scheduling method and system	705/8
26	US 6073111 A	Container materialization/dematerialization for reduced dataload and improved data-coherency in workflow-management systems	705/8
27	US 6070144 A	System and process for job scheduling using limited discrepancy search	705/9
28	US 6070142 A	Virtual customer sales and service center and method	705/7

	Document ID	Title	Current OR
29	US 6064973 A	Context manager and method for a virtual sales and service center	705/7
30	US 6064977 A	Web server with integrated scheduling and calendaring	705/9
31	US 6064976 A	Scheduling system	705/9
32	US 6064975 A	Apparatus and method for highlighting holidays of a specified location in a calendar software application	705/8
33	US 6058370 A	Method of forecasting ambulance service demand	705/10
34	US 6055511 A	Computerized incentive compensation	705/14
35	US 6049776 A	Human resource management system for staffing projects	705/8
36	US 6049774 A	Machine, method and medium for dynamic optimization for resource allocation	705/8
37	US 6047260 A	Intelligent planning and calendaring system with cueing feature and floating tasks	705/9
38	US 6044355 A	Skills-based scheduling for telephone call centers	705/8

	Document ID	Title	Current OR
39	US 6044354 A	Computer-based product planning system	705/7
40	US 6041311 A	Method and apparatus for item recommendation using automated collaborative filtering	705/27
41	US 6038537 A	Intra-organization cooperation system, commodity deal management method, and storage medium	705/7
42	US 6038543 A	Cooperative work supporting method and system therefor	705/11
43	US 6038542 A	System for notifying an individual of a previously scheduled event	705/9
44	US 6035278 A	Method and system for schedule and task management	705/9
45	US 6032124 A	Workflow method and system therefor	705/9
46	US 6032119 A	Personalized display of health information	705/2
47	US 6026365 A	Workflow support system and method of the same	705/9
48	US 6023572 A	Computer based system and method for modeling activities of people in an organization	703/2
49	US 6023681 A	Method and apparatus for predicting queuing delays	705/8
50	US 6018346 A	Freeform graphics system having meeting objects for supporting meeting objectives	345/358

	Document ID	Title	Current OR
51	US 6016478 A	Scheduling system with methods for peer-to-peer scheduling of remote users	705/9
52	US 6009405 A	Ensuring atomicity for a collection of transactional work items in a workflow management system	705/9
53	US 6006195 A	Product development system and method using integrated process and data management	705/9
54	US 6003011 A	Workflow management system wherein ad-hoc process instances can be generalized	705/9
55	US 5999911 A	Method and system for managing workflow	705/9
56	US 5995940 A	Method and system for editing multivalued properties of an object	705/9
57	US 5995937 A	Modular health-care information management system utilizing reusable software objects	705/2
58	US 5991733 A	Method and computerized system for managing insurance receivable accounts	705/8
59	US 5987422 A	Method for executing a procedure that requires input from a role	705/9
60	US 5974395 A	System and method for extended enterprise planning across a supply chain	705/9
61	US 5974394 A	Schedule retrieval method for controlling schedules and schedule server apparatus with multistageous idle-time retrieval means	705/8

	Document ID	Title	Current OR
62	US 5974392 A	Work flow system for task allocation and reallocation	705/8
63	US 5970466 A	Graphical computer system and method for appointment scheduling	705/8
64	US 5963911 A	Resource allocation	705/7
65	US 5963913 A	System and method for scheduling an event subject to the availability of requested participants	705/9
66	US 5960404 A	Mechanism for heterogeneous, peer-to-peer, and disconnected workflow operation	705/8
67	US 5960406 A	Scheduling system for use between users on the web	705/9
68	US 5960405 A	Worldwide marketing logistics network including strategically located centers for frequency programming crystal oscillators to customer specification	705/9
69	US 5948054 A	Method and system for facilitating the exchange of information between human users in a networked computer system	709/200
70	US 5943051 A	User interface for synchronized scrolling and segment editing	345/341

	Document ID	Title	Current OR
71	US 5943652 A	Resource assignment and scheduling system	705/9
72	US 5940804 A	Computer executable workflow resource management system	705/9
73	US 5937388 A	System and method for performing scalable distribution of process flow activities in a distributed workflow management system	705/8
74	US 5923552 A	Systems and methods for facilitating the exchange of information between separate business entities	700/100
75	US 5924076 A	Coin operated device collection scheduler	705/7
76	US 5920846 A	Method and system for processing a service request relating to installation, maintenance or repair of telecommunications services provided to a customer premises	705/7
77	US 5918219 A	System and method for estimating construction project costs and schedules based on historical data	705/37
78	US 5918207 A	Process and system for predictive resource planning	705/1
79	US 5915245 A	Two-way wireless system for financial industry transactions	705/35
80	US 5913212 A	Personal journal	707/6
81	US 5913201 A	Method and apparatus for assigning a plurality of work projects	705/9

	Document ID	Title	Current OR
82	US 5911134 A	Method for planning, scheduling and managing personnel	705/9
83	US 5907829 A	Schedule management system and recording medium	705/9
84	US 5903877 A	Transaction center for processing customer transaction requests from alternative media sources	705/26
85	US 5903873 A	System for registering insurance transactions and communicating with a home office	705/4
86	US 5899979 A	Method and system for automatically integrating scheduled work items onto an electronic calendar	705/9
87	US 5893906 A	Managing work in a computing application	705/28
88	US 5893074 A	Network based task management	705/8
89	US 5893073 A	Method and apparatus for representing recurring events	705/8
90	US 5890134 A	Scheduling optimizer	705/9
91	US 5890131 A	Project organization and optimization tool and method of use thereof	705/7
92	US 5870713 A	Information processor	705/9
93	US 5867824 A	Workflow method and system therefor	705/9

	Document ID	Title	Current OR
94	US 5867823 A	Retail center analysis and instruction system	705/9
95	US 5867822 A	Method and apparatus for management of electronic calendars throughout an enterprise and management of events in a distributed system	705/8
96	US 5860067 A	User interface scheduling system with time segment creation and selection	705/9
97	US 5855006 A	Personal activity scheduling apparatus	705/9
98	US 5852807 A	Method and apparatus for modeling business card exchanges in a point-to-point or a multi-point personal computer conference	705/7
99	US 5848395 A	Appointment booking and scheduling system	705/9
100	US 5842177 A	Management of calendar events in a data processing system	705/8
101	US 5836011 A	Implementation of teams and roles within a people oriented work environment	705/8
102	US 5822715 A	Diabetes management system and method for controlling blood glucose	702/19
103	US 5809477 A	Method, apparatus and medium for allocating beds in a pediatric intensive care unit and for evaluating quality of care	705/3

	Document ID	Title	Current OR
104	US 5798950 A	Method and apparatus for estimating durations of activities in forming a current system, based on past durations of activities in forming past systems	703/17
105	US 5797129 A	Predicting resource usage in a multiple task, multiple resource environment	705/8
106	US 5797117 A	Month field division multiplexing solution for year 2000 computer date problem	707/101
107	US 5787283 A	Framework for manufacturing logistics decision support	717/1
108	US 5778346 A	System and methods for appointment reconciliation	705/9
109	US 5774877 A	Two-way wireless system for financial industry transactions	705/35
110	US 5774867 A	Meeting conflict resolution for electronic calendars	705/8

	Document ID	Title	Current OR
111	US 5774866 A	Computerized problem checking system for organizations	705/7
112	US 5765140 A	Dynamic project management system	705/9
113	US 5765139 A	Method and apparatus for transforming a resource planning data structure into a scheduling data structure	705/8
114	US 5761646 A	Technique for assisting a user in setting attributes of selected screen objects by use of a preview display of a replica object	705/9
115	US 5748907 A	Medical facility and business: automatic interactive dynamic real-time management	705/2
116	US 5745878 A	Business requirement handling apparatus	705/1
117	US 5745687 A	System for distributed workflow in which a routing node selects next node to be performed within a workflow procedure	709/201
118	US 5737728 A	System for resource assignment and scheduling	705/8
119	US 5734837 A	Method and apparatus for building business process applications in terms of its workflows	705/7
120	US 5726884 A	Integrated hazardous substance tracking and compliance	705/9

	Document ID	Title	Current OR
121	US 5706441 A	Method and apparatus for objectively monitoring and assessing the performance of health-care providers	705/3
122	US 5692125 A	System and method for scheduling linked events with fixed and dynamic conditions	705/9
123	US 5671361 A	Priority rule search technique for resource constrained project scheduling	705/9
124	US 5671360 A	Project management tool implementing authority for a people oriented work environment tool	705/9
125	US 5655086 A	Configurable electronic performance support system for total quality management processes	705/9
126	US 5644722 A	Schedule-managing apparatus being capable of moving or copying a schedule of a date to another date	705/9
127	US 5634100 A	System and method for event parameter interdependence and adjustment with pen input	705/9
128	US 5634055 A	Method for selecting assignments	707/103
129	US 5623404 A	System and method for producing schedules of resource requests having uncertain durations	705/9
130	US 5617342 A	Discrete-event simulation-based method for staffing highway maintenance crews	703/6

	Document ID	Title	Current OR
131	US 5615138 A	Method for establishing the working mantime in the production line	702/81
132	US 5615121 A	System and method for scheduling service providers to perform customer service requests	705/9
133	US 5592375 A	Computer-assisted system for interactively brokering goods or services between buyers and sellers	705/7
134	US 5590269 A	Resource assignment system providing mixed-initiative user interface updates	705/9
135	US 5583758 A	Health care management system for managing medical treatments and comparing user-proposed and recommended resources required for treatment	705/2
136	US 5559710 A	Apparatus for control and evaluation of pending jobs in a factory	700/100
137	US 5557515 A	Computerized system and method for work management	705/9
138	US 5535388 A	Apparatus for dynamically collecting and editing management information during a software development process	717/1
139	US 5530861 A	Process enaction and tool integration via a task oriented paradigm	705/8
140	US 5528489 A	Method of and apparatus for scheduling parts deliverer running and method of managing parts deliverers	705/9
141	US 5519606 A	System and methods for appointment reconciliation	705/9
142	US 5491626 A	Method and apparatus for profile transposition to calendar events	705/9

	Document ID	Title	Current OR
143	US 5485369 A	Logistics system for automating transportation of goods	705/9
144	US 5467268 A	Method for resource assignment and scheduling	705/9
145	US 5343387 A	Cyclic maintenance work schedule table preparation system	705/9
146	US 5329447 A	High integrity computer implemented docketing system	705/9
147	US 5325292 A	Tour/schedule generation for a force management system	705/9
148	US 5321610 A	Integrated product for implementing application software and process of developing integrated product for implementing application software	705/9
149	US 5317683 A	Method and apparatus for automated meeting agenda generation in a data processing system	345/330
150	US 5303145 A	Method and apparatus for meeting confirmation in a data processing system	705/9
151	US 5301320 A	Workflow management and control system	705/9
152	US 5255181 A	Method of planning organizational activities	705/8
153	US 5185697 A	Apparatus and method for managing crisis situations	379/45
154	US 5175681 A	Computerized system for managing preparation and prosecution of applications in various countries for protection of industrial property rights	705/9
155	US 5164905 A	Production system with order of processing determination	700/112
156	US 5124912 A	Meeting management device	705/9

	Document ID	Title	Current OR
157	US 5111391 A	System and method for making staff schedules as a function of available resources as well as employee skill level, availability and priority	705/9
158	US 5058008 A	Mail system with personalized training for users	705/9
159	US 5006985 A	Computer system for minimizing body dysfunctions induced by jet travel or shift work	705/1
160	US 4942527 A	Computerized management system	705/9
161	US 4354252 A	Programmable digital data terminal for mobile radio transceivers	340/502